

Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-139
DS Manhole: 5747-137

3833 E 2ND ST
216 N QUENTIN AVE

Date Insp: 3/4/2002

Basin: EC01G

Dir Televised: Downstream To Upstream

Pipe Information

Shape: Round
Dia/Ht Width: 8
Length: 318.7
Pipe Sec Length:

Length Status:
Material: VCP
Slope: 0.405

Project No.: C-105
Index:
Surface:

Comment: POINT REPAIR FROM MH #139 TO 7' SOUTH OF MH. CONNECTION FOR 3833 E 2ND IS 3' SOUTH OF MH. WORK COMPLETED 06-11-2003 TGC

Inspection Information

Crew: KSN
Weather: Sunny
Surface Cond: N/A
Dyed Test: No

Percent Full:
Purpose: TV Existing Line
Flow: Normal Flow

Tape ID: V-3291
Counter Start:
Counter Stop:

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1	0	7.0	DS Manhole 5747-137 /	REVERSE SETUP / tv against the flow						
2	0:44	12.0	East	Wye Service	0					
3	0:54	15.0	West	Wye Service	0					0.000
4	1:04	17.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
5	1:30	23.0	Manhole / THIS IS MH 5747-138 (not previously mapped)							
6	1:58	37.0	East	Wye Service	0					
7	2:06	39.0	West	Wye Service	0					0.000
8	2:11	40.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
9	2:55	62.0	East	Wye Service	0					0.000
10	3:05	64.0	West	Break-In Conn	2		0.002	0	0	0.002
11	3:05	64.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
12	3:29	73.0	Quad 2 / L-Rt	Sag	3		0.000	5	0	0.000
13	4:27	107.0	Quad 2 / L-Rt	Sag	1		0.000	1	0	0.000
14	4:39	112.0	East	Wye Service	0					0.000
15	4:49	113.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
16	5:00	115.0	West	Wye Service	0					0.000
17	5:49	137.0	East	Wye Service	0					0.000
18	6:00	140.0	West	Wye Service	0					0.000
19	6:45	163.0	East	Wye Service	0					0.000
20	6:54	165.0	West	Wye Service	0					0.000
21	7:19	174.0	East	Break-In Conn	2		0.002	0	0	0.002
CONNECTOR IS PROTRUDING / WILL NEED TO BE BLADED DOWN BY CONTRACTOR										
22	7:41	181.0	Quad 1 / U-Rt	Observation Hole	3		0.000	0	0	0.000
23	8:15	188.0	East	Wye Service	0					0.000
24	8:24	191.0	West	Wye Service	0					0.000
33	12:41	198.0	Quad 2 / L-Rt	Crack-Radial	2		0.002	2	0	0.002
25	9:16	213.0	East	Break-In Conn	1		0.001	0	0	0.001
26	9:24	214.0	West	Wye Service	0					0.000
27	10:10	238.0	East	Wye Service	0					0.000
28	10:18'	240.0	West	Wye Service	0					0.000
29	11:22	270.0	East	Wye Service	0					0.000
30	11:23	272.0	West	Wye Service	2		0.000	0	0	0.000
# 3 ROOTS										
31	12:24	295.0	East	Wye Service	0					0.000
32	12:34	298.0	West	Wye Service	0					0.000
34	12:51	300.0	West	Wye Service	2		0.000	0	0	0.000

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Television Inspection Master Report

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US Manhole: 5747-139 3833 E 2ND ST **Date Insp:** 3/4/2002 **Basin:** EC01G
DS Manhole: 5747-137 216 N QUENTIN AVE

35	13:17	301.0	Quad 3 / L-Lt	Debris	4	0.000	0	25	0.000
			TILE IN LINE						
36	13:17	301.0	Quad 4 / U-Lt	Broken Pipe	3	0.010	60	0	0.010
37	14:15	303.0	Quad 2 / L-Rt	Debris	5	0.000	0	75	0.000
			TILE , CAMERA WON,T PASS						

(NOTE: POINT REPAIR COMPLETED BY SEWER MAINTENANCE JUST SOUTH OF MH 5747-139 / SHOULD BE OK TO LINE – SEE COMMENTS ABOVE)

(NOTE: CAMERA DID NOT TURN TO LOOK UP THE WYES & TAPS)

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Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-137
DS Manhole: 5747-135

216 N QUENTIN AVE
154 N QUENTIN AVE

Date Insp: 3/5/2002

Basin: EC01G

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	C-105
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	322.2	Slope:	2.681	Surface:
Pipe Sec Length:	Comment:			

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1		0.0	US Manhole 5747-137							
2	22:37	5.0	West	Wye Service	0					0.000
3	22:46	7.0	East	Wye Service	0					0.000
4	23:21	30.0	West	Wye Service	0					0.000
5	23:26	32.0	East	Wye Service	0					0.000
6	23:31	34.0	Quad 1 / U-Rt	Crack-Radial	2		0.002	2	0	0.002
7	23:55	49.0	Quad 3 / L-Lt	Crack-Radial	2		0.002	2	0	0.002
8	24:07	55.0	West	Wye Service	0					0.000
9	24:14	57.0	East	Wye Service	0					0.000
10	24:49	80.0	West	Wye Service	0					0.000
11	24:55	82.0	Quad 4 / U-Lt	Crack-Radial	3		0.004	5	0	0.004
12	25:00	82.0	East	Wye Service	0					0.000
13	25:19	92.0	Quad 2 / L-Rt	Crack-Radial	2		0.002	2	0	0.002
14	25:41	104.0	Quad 1 / U-Rt	Crack-Radial	2		0.002	2	0	0.002
15	25:46	105.0	West	Wye Service	0					0.000
16	25:56	108.0	East	Wye Service	0					0.000
17	26:20	117.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
18	26:44	130.0	Quad 3 / L-Lt	Roots	2		0.004	2	4	0.004
19	26:49	130.0	West	Wye Service	0					0.000
20	26:55	132.0	East	Wye Service	0					0.000
21	27:54	167.0	Quad 1 / U-Rt	Other	1		0.000	0	0	0.000
			O.H.							
22	29:08	207.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
23	29:15	210.0	Quad 3 / L-Lt	Roots	2		0.004	2	4	0.004
24	29:20	210.0	West	Wye Service	0					0.000
25	29:29	213.0	East	Wye Service	0					0.000
26	29:41	216.0	East	Break-In Conn	3		0.004	2	0	0.004
27	30:18	235.0	West	Wye Service	0					0.000
			# 2 ROOTS							
28	30:26	238.0	East	Wye Service	0					0.000
29	30:36	240.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004
30	31:09	252.0	West	Wye Service	0					0.000
31	31:32	252.0	Quad 4 / U-Lt	Broken Pipe	3		0.010	60	0	0.010
			(looks like pipe may begin a steeper grade here / should still be ok to line)							
32	31:40	254.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004
33	31:49	255.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
34	32:03	261.0	West	Wye Service	0					0.000
35	32:14	263.0	Quad 4 / U-Lt	Roots	4		0.010	10	25	0.010
36	32:21	264.0	East	Wye Service	0					0.000
37	32:30	265.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
38	32:38	268.0	Quad 3 / L-Lt	Roots	2		0.004	2	4	0.004
39	32:48	270.0	Quad 4 / U-Lt	Roots	3		0.008	5	8	0.008

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Television Inspection Master Report

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US Manhole: 5747-137 216 N QUENTIN AVE Date Insp: 3/5/2002 Basin: EC01G
DS Manhole: 5747-135 154 N QUENTIN AVE

40	32:48	270.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
41	33:00	273.0	Quad 2 / L-Rt	Roots	3	0.008	5	8	0.008
42	33:00	273.0	Quad 1 / U-Rt	Crack-Horizontal	3	0.004	5	0	0.004
43	33:22	278.0	Quad 3 / L-Lt	Roots	3	0.008	5	8	0.008
44	33:22	278.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
45	33:52	280.0	Quad 3 / L-Lt	Broken Pipe	3	0.010	60	0	0.010
46	33:57	283.0	Quad 1 / U-Rt	Crack-Horizontal	3	0.004	5	0	0.004
47	34:08	286.0	West	Wye Service	0				0.000
48	34:23	288.0	East	Wye Service	0				0.000
49	34:31	290.0	Quad 3 / L-Lt	Roots	3	0.008	5	8	0.008
50	34:45	295.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
51	34:55	298.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
52	34:55	298.0	Quad 1 / U-Rt	Crack-Horizontal	3	0.004	5	0	0.004
53	35:03	300.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
54	25:21	303.0	Quad 2 / L-Rt	Roots	2	0.004	2	4	0.004
55	35:42	306.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
56	35:57	310.0	Quad 2 / L-Rt	Roots	4	0.010	10	25	0.010
57	36:11	312.0	West	Wye Service	0				0.000
58	36:19	312.0	Quad 3 / L-Lt	Roots	3	0.008	5	8	0.008
59	36:26	313.0	East	Wye Service	0				0.000
60	36:37	315.0	Quad 2 / L-Rt	Roots	2	0.004	2	4	0.004
61	36:37	315.0	Quad 1 / U-Rt	Crack-Horizontal	3	0.004	5	0	0.004
62	36:44	317.0	Quad 1 / U-Rt	Crack-Radial	3	0.004	5	0	0.004
63	37:08	322.0	DS Manhole	5747-135	0				0.000

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Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-135
DS Manhole: 5747-033

154 N QUENTIN AVE
3810 E DOUGLAS AV

Date Insp: 3/5/2002

Basin: EC01G

Dir Televised: Upstream To Downstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	C-104
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	294.4	Slope:	3.003	Surface:
Pipe Sec Length:	Comment:			

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1	37:08	0.0	US Manhole	N/A	0					
2	37:24	0.0	Quad 1 / U-Rt	Crack-Radial	3		0.004	5	0	0.004
3	37:31	1.0	Quad 3 / L-Lt	Roots	2		0.004	2	4	0.004
4	37:45	4.0	Quad 1 / U-Rt	Offset	3		0.010	20	0	0.010
5	37:55	6.0	Quad 1 / U-Rt	Roots	2		0.004	2	4	0.004
6	37:55	6.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004
7	38:21	11.0	Quad 2 / L-Rt	Broken Pipe	3		0.010	60	0	0.010
8	38:32	14.0	Quad 4 / U-Lt	Roots	4		0.010	10	25	0.010
9	38:37	15.0	West	Wye Service	0					0.000
10	38:45	16.0	Quad 2 / L-Rt	Roots	4		0.010	10	25	0.010
11	38:54	17.0	East	Wye Service	0					0.000
12	39:05	19.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
13	39:13	21.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
14	39:21	24.0	Quad 2 / L-Rt	Roots	4		0.010	10	25	0.010
15	39:29	26.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
16	39:36	29.0	Quad 2 / L-Rt	Roots	3		0.008	5	8	0.008
17	39:45	33.0	Quad 1 / U-Rt	Crack-Horizontal	2		0.002	2	0	0.002
18	39:52	34.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
19	40:03	36.0	Quad 2 / L-Rt	Roots	3		0.008	5	8	0.008
20	40:09	37.0	West	Wye Service	0					0.000
21	40:22	39.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
22	40:29	39.0	East	Wye Service	0					0.000
# 2 ROOTS										
23	40:38	42.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
24	41:01	46.0	Quad 3 / L-Lt	Roots	4		0.010	10	25	0.010
25	41:01	46.0	West	Break-In Conn	4		0.008	60	0	0.008
26	41:21	48.0	Quad 3 / L-Lt	Broken Pipe	4		0.030	78	0	0.030
27	41:52	55.0	Quad 3 / L-Lt	Broken Pipe	5		0.060	100	0	0.060
NEEDS REPAIR / invert shoving upward										
28	45:35	62.0	West	Wye Service	0					
29	45:51	65.0	East	Wye Service	0					0.000
30	45:57	66.0	Quad 4 / U-Lt	Crack-Horizontal	2		0.002	2	0	0.002
31	46:05	69.0	Quad 4 / U-Lt	Crack-Radial	2		0.002	2	0	0.002
32	46:12	71.0	Quad 1 / U-Rt	Crack-Horizontal	3		0.004	5	0	0.004
33	46:41	87.0	West	Wye Service	0					0.000
34	46:51	89.0	East	Wye Service	0					0.000
35	47:10	97.0	East	Break-In Conn	4		0.008	60	0	0.008
36	47:16	99.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
37	47:32	106.0	Quad 2 / L-Rt	Crack-Radial	2		0.002	2	0	0.002
38	47:55	111.0	West	Wye Service	0					0.000
39	48:03	114.0	East	Wye Service	0					0.000
40	48:50	129.0	Quad 1 / U-Rt	Broken Pipe	3		0.010	60	0	0.010

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Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-135 154 N QUENTIN AVE Date Insp: 3/5/2002 Basin: EC01G
DS Manhole: 5747-033 3810 E DOUGLAS AV

41	49:06	130.0	Quad 1 / U-Rt	Observation Hole	4	0.000	0	0	0.000
42	49:19	137.0	West	Wye Service	0				
43	49:29	139.0	East	Wye Service	0				0.000
44	49:39	143.0	West	Break-In Conn	1	0.001	0	0	0.001
45	49:44	143.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
46	50:19	161.0	West	Wye Service	0				0.000
47	50:19	161.0	Quad 2 / L-Rt	Crack-Radial	2	0.002	2	0	0.002
48	50:28	164.0	East	Wye Service	1	0.000	0	0	0.000
# 4 ROOTS									
49	50:55	178.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
50	51:04	181.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
51	51:13	184.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
52	51:21	186.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
53	51:25	187.0	West	Wye Service	0				0.000
54	51:36	189.0	East	Wye Service	0				0.000
55	51:45	191.0	Quad 3 / L-Lt	Roots	2	0.004	2	4	0.004
56	52:27	212.0	West	Wye Service	0				0.000
57	52:34	214.0	East	Wye Service	0				0.000
58	53:16	237.0	West	Wye Service	0				0.000
59	53:24	239.0	East	Wye Service	0				0.000
60	54:08	262.0	West	Wye Service	0				0.000
61	54:15	264.0	East	Wye Service	0				0.000
62	54:54	284.0	Joint	Other	1	0.000	0	0	0.000
REPAIR IN LINE PVC PIPE									
63	56:06	289.0	DS Manhole / 5747-033						

**POINT REPAIR NEEDS TO BE MADE AT 45' to 58' FEET S OF M.H. # 135
(see picture)**

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Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-141CO 216 N QUENTIN ST
DS Manhole: 5747-137 216 N QUENTIN AVE

Date Insp: 3/4/2002 Basin: EC01G

Dir Televised: Downstream to Upstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	C-105
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	95.7	Slope:	0.198	Surface:
Pipe Sec Length:	Comment:			

Inspection Information

Obs. #	VTR Counter	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
		0.0	Downstream Manhole / tv against the flow							
2	18:53	4.0	South	Wye Service	0					
3	19:29	27.0	South	Wye Service	0					0.000
4	19:47	38.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
5	19:54	40.0	North	Wye Service	0					0.000
6	20:00	41.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
7	20:06	44.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
8	20:13	46.0	Quad 2 / L-Rt	Roots	3		0.008	5	8	0.008
9	20:21	49.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
10	20:29	51.0	Quad 3 / L-Lt	Roots	3		0.008	5	8	0.008
11	20:49	59.0	Quad 2 / L-Rt	Roots	2		0.004	2	4	0.004
12	21:15	69.0	Quad 1 / U-Rt	Offset	3		0.010	20	0	0.010
13	21:29	76.0	South	Wye Service	0					0.000
14	22:16	92.0	South	Wye Service	0					0.000
15	22:16	92.0	Quad 1 / U-Rt	Debris	5		0.000	0	75	0.000

BRICKS IN CLEANOUT / Needs to have a manhole constructed here

The cleanout is visible. Inspection records show the depth to be 2.4 ft. but not sure if this is actual depth since the cleanout is full of bricks.

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Television Inspection Master Report

12/8/2003
10:08:39AM

US Manhole: 5747-140CO 3926 E 1ST ST
DS Manhole: 5747-137 216 N QUENTIN AVE

Date Insp: 3/4/2002 Basin: EC01G

Dir Televised: Downstream To Upstream

Pipe Information

Shape:	Round	Length Status:	Project No.:	C-105
Dia/Ht Width:	8 0	Material:	VCP	Index:
Length:	98.6	Slope:	0.192	Surface:
Pipe Sec Length:	Comment:			

Obs. #	VTR Counter Comment	Dist	Location	Description	Rating	Obsrvd (gpm)	Est. (gpm)	Ratings Struct	Clean	Remain (gpm)
1	14:15	0.0	DS Manhole	REVERSE SETUP						
2	14:51	5.0	South	Wye Service	0					
3	15:39	30.0	South	Wye Service	0					0.000
4	16:11	48.0	South	Wye Service	0					0.000
5	16:30	58.0	North	Wye Service	0					0.000
6	17:04	75.0	South	Wye Service	0					0.000
7	17:21	83.0	South	Break-In Conn	1		0.001	0	0	0.001
8	17:40	90.0	Quad 2 / L-Rt	Debris	4		0.000	0	25	0.000
	GRAVEL									
9	17:50	91.0	South	Wye Service	0					
10	18:21	92.0	Quad 2 / L-Rt	Debris	4		0.000	0	25	0.000

CAMERA WON,T PASS BECAUSE OF DEBRIS. LINE NEEDS TO BE CLEANED BEFORE TV.

NOTE: The cleanout is visible. Located just west of a storm water drain.
Contractor may locate the manhole further west over the existing sanitary sewer line to avoid the drain.

Concrete removal & replacement shall be incidental to all work performed in the alley.

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In the back yard of 150 N. Quentin. The point repair would start where Greg is standing, and move south toward the cooker. Sewer line is located in this yard, and there is nothing in the way on the other side of the fence.

3-11